

Abstract

A traffic generator generates a plurality of traffic flows, with each of the traffic flows being associatable with one or more of a plurality of output interfaces of the traffic generator. In an illustrative embodiment, each of the output interfaces may have any desired combination of the traffic flows associated therewith. The traffic flows may be generated based on user selection of at 5 least one of a protocol encapsulation, a packet size distribution model, a packet arrival time distribution model, a traffic model, and a packet payload description. Information characterizing one or more of the traffic flows may be stored as a traffic file in a memory associated with the traffic generator.